
SEMINOLE COUNTY GOVERNMENT AGENDA MEMORANDUM

SUBJECT: Amendment #1 to PS-5192-05/DRR - Yankee Lake Water Reclamation Facility & Re-Rate

DEPARTMENT: Administrative Services

DIVISION: Purchasing and Contracts

AUTHORIZED BY: Frank Raymond

CONTACT: Diane Reed

EXT: 7120

MOTION/RECOMMENDATION:

Approve Amendment #1 to PS-5192-05/DRR - Yankee Lake Water Reclamation Facility & Re-Rate with AECOM USA, Inc., to include Engineer of Record Services During Construction and to increase the Board approved Estimated Term Usage by an additional \$750,000.00.

County-wide

Ray Hooper

BACKGROUND:

PS-5192-05/DRR provides professional engineering services for the expansion and re-rate of the County's Yankee Lake Water Reclamation Facility from its current capacity to a 5.0 MGD capacity. On October 11, 2005, the Board awarded this Work Order based Master Agreement to Boyle Engineering Corporation, of Orlando, Florida. Subsequently on February 24, 2009, the Board approved the assignment of this Master Agreement to AECOM USA, Inc., of Orlando, Florida.

Under Amendment #1, additional Engineer of Record (EOR) services will be provided during the construction phase of the project to address issues that became apparent during the process of design permitting. In addition, the construction schedule was impacted due to unforeseen conditions requiring additional EOR services beyond the original Scope of Services.

The initial project cost was based upon an estimated typical design value for the Yankee Lake Reclamation Facility rehabilitation. This value did not include EOR services during construction because the funding for the construction project was part of the first bond and proceeds had not yet been acquired. Funding for the construction project became available when the Environmental Services Department successfully acquired the first bond.

The following is the summary of the Estimated Term Usage for the Master Agreement:

| | |
|--|---------------------|
| Original Board Approved Estimated Amount | \$624,000.00 |
| Requested Increase | <u>\$750,000.00</u> |
| Revised Board Estimated Term Amount | \$1,374,000.00 |

Authorization for the performance of services by the Consultant under this Agreement shall be in the form of written Work Orders issued and executed by the County, and signed by the Consultant. The work and dollar amount for each Work Order will be negotiated on an as-

needed basis for the project.

Funds are identified in Yankee Lake Plant Expansion (Account #087817.560650, CIP# 00195201). Each Work Order will be issued within the constraints of the approved project budget.

STAFF RECOMMENDATION:

Staff recommends that the Board approve Amendment #1 to PS-5192-05/DRR - Yankee Lake Water Reclamation Facility & Re-Rate with AECOM USA, Inc., to include Engineer of Record Services During Construction and to increase the Board approved Estimated Term Usage by an additional \$750,000.00.

ATTACHMENTS:

1. Transaction Log
2. PS-5192-05_DRR - Amendment #1 (AECOM)

Additionally Reviewed By:

■ County Attorney Review (Ann Colby)

AGREEMENT TRANSACTION LOG

Estimated Project Value \$624,000.00

| DATE | TRANSACTION TYPE | # | OC Number | Assigned Analyst | CONTRACTOR | AMOUNT | COMPLETION TIME | COMMENTS |
|------------|---------------------|---------|-----------|---------------------|------------|--------------|--|---|
| 5/4/2006 | W/O | 1 | 801005 | | BOYLE | \$468,443.00 | | Upgrade and Expansion Phase I |
| 2/22/2007 | W/O AM | 1/1 | 801909 | | BOYLE | \$288,317.00 | | Additional Design, Permitting, & Bidding - Yankee Lake \$288,317.00 |
| 8/30/2007 | W/O | 2 | 802561 | | BOYLE | \$290,252.40 | | Services during construction |
| 11/29/2007 | A | 1 (CXL) | 802780 | | BOYLE | \$0.00 | | Rate increase to Agreement; 1/17/08: Request cancelled by ES staff. BLH |
| 10/14/2008 | W/O Amend | 2/1 | 803957 | Diane Reed | BOYLE | \$79,227.50 | Completed concurrent with construction | Additional processing for RFIs, RPCs, Shop Drawings, project Meetings & site visits |
| 1/20/2009 | Assign | 1 | 804213 | Diane Reed | Boyle | \$0.00 | 3/5/2012 | Assignment from Boyle Engineering to AECOM USA, Inc. |
| 8/25/2009 | W/O Amend | 2/2 | 804905 | Diane Reed | AECOM | \$0.00 | Completed concurrent with construction | Additional labor category |
| 10/21/2009 | W/O Amend | 2/3 | 805037 | Diane Reed | AECOM | \$30,112.00 | Completed concurrent with construction | Additional Construction Phase Services |

Total \$1,156,351.90

% of difference 54%

**FIRST AMENDMENT TO ENGINEERING SERVICES AGREEMENT (PS-5192-05/DRR)
YANKEE LAKE RECLAMATION FACILITY EXPANSION AND RE-RATE**

THIS FIRST AMENDMENT is made and entered into this _____ day of _____, 20____ and is to that certain Agreement made and entered into on the 5th day of December, 2005, between **AECOM USA, INC.**, whose address is 320 East South Street, Orlando, Florida 32801, hereinafter referred to as "CONTRACTOR", and **SEMINOLE COUNTY**, a political subdivision of the State of Florida, whose address is Seminole County Services Building, 1101 East First Street, Sanford, Florida 32771, hereinafter referred to as "COUNTY".

W I T N E S S E T H:

WHEREAS, CONTRACTOR and COUNTY entered into the above referenced Agreement on December 5, 2005, for engineering services for the Yankee Lake Reclamation Facility Expansion and Re-Rate; and

WHEREAS, the parties desire to amend the Agreement so as to enable both parties to continue to enjoy the mutual benefits it provides; and

WHEREAS, Section 23 of the Agreement provides that any amendments shall be valid only when expressed in writing and duly signed by the parties,

NOW, THEREFORE, in consideration of the mutual understandings and agreements contained herein, the parties agree to amend the Agreement as follows:

1. Exhibit "A" of the Agreement is amended by the addition of services as indicated in Exhibit "A", attached hereto.

2. Except as herein modified, all terms and conditions of the Agreement shall remain in full force and effect for the term of the

Agreement, as originally set forth in said Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this instrument for the purpose herein expressed.

ATTEST:

AECOM USA, INC.

L. BRUCE BEAN, PE
Assistant Secretary

By: _____
A. THOMAS BROWN, PE
District Vice-President

(CORPORATE SEAL)

Date: _____

ATTEST:

BOARD OF COUNTY COMMISSIONERS
SEMINOLE COUNTY, FLORIDA


MARYANNE MORSE
Clerk to the Board of
County Commissioners of
Seminole County, Florida.

By: _____
BOB DALLARI, Chairman

Date: _____

For the use and reliance
of Seminole County only.

Approved as to form and
legal sufficiency.

 As authorized for execution
by the Board of County Commissioners
at their _____, 20____
regular meeting.

County Attorney

AEC/lpk

10/27/09

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Attachment:

Exhibit "A" - Scope of Services

EXHIBIT A

**SECTION 1
PROJECT GENERAL INFORMATION**

Scope:

Master Agreement for Yankee Lake Water Reclamation Facility Expansion & Re-Rate Professional Services

Seminole County Environmental Services Department, is seeking a Consultant to provide professional engineering services for the expansion and re-rate of the County's Yankee Lake Water Reclamation Facility from its current capacity to a capacity of 5.0 MGD. Required services will include, but are not limited to the following:

- Evaluation of current operating and maintenance methods
- Data collection and analysis including the installation monitoring and recording instruments as necessary
- Preliminary and final design of cost-effective process modifications and physical additions/modifications
- Evaluation and design of sludge processing, handling and disposal facilities and methods
- Preparation of all documentation necessary to secure a permit to operate the facility at its new capacity
- Coordinate meetings with County staff, regulatory agency staff and other County consultants

This contract shall be awarded to one consultant with an estimated engineering cost of \$624,000 and the term shall run Six (6) months from the completion of construction.

Engineer of Record Services During Construction.

To maintain the responsibility of design (responsible charge), per Florida Administrative Code 61G15-18.011, the following professional services are required:

- Periodic site visits at critical milestones during construction by the Engineer of Record (EOR) by discipline are required to strengthen the engineering-construction interface. Therefore the EOR is required to extend design services into the construction phase of the project by planned visits at critical points of the construction. The frequency and timing of these visits shall coincide with construction contractor's critical path schedule.
- Attend Progress Meetings
- Review of Shop Drawings, Submittals and Request for Clarifications
- Evaluate contractors for change proposals
- Start up and testing
- Close out services
 - o Submit permit closure notifications
 - o Attest Certificate of Engineer Substantial and Final Acceptance
 - o Review as-builts for production of Record Drawings
 - o Produce, certify, and submit Record Drawings